

# 硫酸生产在线分析仪表系列

Sulfuric acid Process Online Analyzer series

## EN-730

### Acid concentration analyzer (ultrasonic)



#### Overview

The EN-730 acid concentration analyzer is an industrial-used fixed installation type Analyzer. It utilizes ultrasonic principle. The analyzer has such function as isolated current output, relay alarm output, communication interface and measured data storage. It continuously measures, displays, and records the sulfuric acid concentration in industrial process.

The analyzer is used widely in fertilizer, metallurgy, printing and dyeing, chlor-alkali, petroleum, paper-making and other industries which requires acid or alkali concentration of continuous measurement.

#### Features

- ◆ Sensor is sealed in the protective coat which is made by F4 material to prevent corrosion from the measured sample.
- ◆ long life, maintenance-free;
- ◆ Big LCD display, English or Chinese menu to operate
- ◆ Automatic recording of measured data and curve, for checking previous data
- ◆ One isolated, linearized 0~10 or 4~20mADC output
- ◆ One alarm relay, any alarm value can be set up within the full range
- ◆ With RS232 interface for measured data communication
- ◆ The whole set of analyzer consists detector unit and electronic control unit, where detector unit is installed on site and electronic control unit is installed in the central control room.

#### Specification

Measuring principle: Ultrasonic

Measured component: H<sub>2</sub>SO<sub>4</sub>

Range: (91~95)%

Accuracy: 5%FS

Resolution: 0.01%

Acid temperature compensation range: (30~100)°C

Electronic control unit dimensions: 150 × 150 × 258mm

Detector unit installation flange size: HG20592 PN2.5 DN25

